



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,025	04/30/2001	Philip M. Ginsberg	CF-20	4295
1473	7590	08/31/2005	EXAMINER	
FISH & NEAVE IP GROUP ROPES & GRAY LLP 1251 AVENUE OF THE AMERICAS FL C3 NEW YORK, NY 10020-1105			DASS, HARISH T	
			ART UNIT	PAPER NUMBER
			3628	

DATE MAILED: 08/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/846,025

**Applicant(s)**

GINSBERG ET AL.

**Examiner**

Harish T. Dass

**Art Unit**

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 4/30/2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-55 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/14/03, 4/15/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: IDS 9/27/04, 10/29/04.

2

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 23-25, and 30-33, and 39-40 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Particularly:

Claim 23 is not clear "determining a second selection of wagerable event outcomes from said first selection in accordance with said client instructions"

Claim 39 is not clear "receiving a request from said client to wager on an event outcome, said event outcome being associated with a data and a market, wherein a price for said event outcome for said date is unavailable from said market".

Clarify the above rejections and provide page numbers of the specification where these limitations are defined.

Claim 25 recites the limitation "current price" in claim 25. There is insufficient antecedent basis for this limitation in the claim.

Claim 30 recites the limitation "house" in claim 30. There is insufficient antecedent basis for this limitation in the claim.

Art Unit: 3628

Claim 40 recites the limitation "cost" in claim 40. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 101***

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-6, 11-50, 52-55 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

As an initial matter, the United States Constitution under Art. I, §8, cl. 8 gave Congress the power to "[p]romote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries". In carrying out this power, Congress authorized under 35 U.S.C. §101 a grant of a patent to "[w]hoever invents or discovers any new and useful process, machine, manufacture, or composition or matter, or any new and useful improvement thereof." Therefore, a fundamental premise is that a patent is a statutorily created vehicle for Congress to confer an exclusive right to the inventors for "inventions" that promote the progress of "science and the useful arts". The phrase "technological arts" has been created and used by the courts to offer another view of the term "useful arts". See *In re Musgrave*, 167 USPQ (BNA) 280 (CCPA 1970). Hence, the first test of whether an invention is eligible for a patent is to determine if the invention is within the "technological arts".

Further, despite the express language of §101, several judicially created exceptions have been established to exclude certain subject matter as being patentable subject matter covered by §101. These exceptions include "laws of nature", "natural phenomena", and "abstract ideas". See *Diamond v. Diehr*, 450, U.S. 175, 185, 209 USPQ (BNA) 1, 7 (1981). However, courts have found that even if an invention incorporates abstract ideas, such as mathematical algorithms, the invention may nevertheless be statutory subject matter if the invention as a whole produces a "useful, concrete and tangible result." See *State Street Bank & Trust Co. v. Signature Financial Group, Inc.* 149 F.3d 1368, 1973, 47 USPQ2d (BNA) 1596 (Fed. Cir. 1998).

This "two prong" test was evident when the Court of Customs and Patent Appeals (CCPA) decided an appeal from the Board of Patent Appeals and Interferences (BPAI). See *In re Toma*, 197 USPQ (BNA) 852 (CCPA 1978). In *Toma*, the court held that the recited mathematical algorithm did not render the claim as a whole non-statutory using the Freeman-Walter-Abele test as applied to *Gottschalk v. Benson*, 409 U.S. 63, 175 USPQ (BNA) 673 (1972). Additionally, the court decided separately on the issue of the "technological arts". The court developed a "technological arts" analysis:

The "technological" or "useful" arts inquiry must focus on whether the claimed subject matter...is statutory, not on whether the product of the claimed subject matter...is statutory, not on whether the prior art which the claimed subject matter purports to replace...is statutory, and not on whether the claimed subject matter is presently perceived to be an improvement over the prior art, e.g., whether it "enhances" the operation of a machine. *In re Toma* at 857.

In *Toma*, the claimed invention was a computer program for translating a source human language (e.g., Russian) into a target human language (e.g., English). The court found that the claimed computer implemented process was within the "technological art" because the claimed invention was an operation being performed by a computer within a computer.

The decision in *State Street Bank & Trust Co. v. Signature Financial Group, Inc.* never addressed this prong of the test. In *State Street Bank & Trust Co.*, the court found that the "mathematical exception" using the Freeman-Walter-Abele test has little, if any, application to determining the presence of statutory subject matter but rather, statutory subject matter should be based on whether the operation produces a "useful, concrete and tangible result". See *State Street Bank & Trust Co.* at 1374. Furthermore, the court found that there was no "business method exception" since the court decisions that purported to create such exceptions were based on novelty or lack of enablement issues and not on statutory grounds. Therefore, the court held that "[w]hether the patent's claims are too broad to be patentable is not to be judged under § 101, but rather under §§ 102, 103 and 112." See *State Street Bank & Trust Co.* at 1377. Both of these analysis goes towards whether the claimed invention is non-statutory because of the presence of an abstract idea. Indeed, *State Street* abolished the Freeman-Walter-Abele test used in *Toma*. However, *State Street* never addressed the second part of the analysis, i.e., the "technological arts" test established in *Toma* because the invention in *State Street* (i.e., a computerized system for determining the year-end income, expense, and capital gain or loss for the portfolio) was already determined to be within

Art Unit: 3628

the technological arts under the Toma test. This dichotomy has been recently acknowledged by the Board of Patent Appeals and Interferences (BPAI) in affirming a §101 rejection finding the claimed invention to be non-statutory. See *Ex parte Bowman*, 61 USPQ2d (BNA) 1669 (BdPatApp&Int 2001).

In the present application, Claims 1-6, 11-50, 52-55 have no connection to the technological arts. None of the steps indicate any connection to a computer or technology. Therefore, the claims are directed towards non-statutory subject matter. To overcome this rejection the Examiner recommends that Applicant amend the claims to better clarify which of the steps are being performed within the technological arts;

### ***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 11-13, 41 are reject rejected under 35 U.S.C. 102(e) as being anticipated by Paravia et al (hereinafter Paravia – US 6,508,710)

Re. Claim 11, Paravia discloses determining a wagering limit for said client [C10 L64 to C11 L18];

selecting wagerable event outcomes on which said client is authorized to wager [Figures 2-3; C9 L24-L50; C10 L49-L55];

displaying to said client said selection of wagerable event outcomes *[Abstract; figure 6; C5 L19-L31; C12 L41-L50];*

receiving a request from said client to wager on one of said selection of wagerable event outcomes *[Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55];*

and

adjusting substantially immediately said wagering limit of said client *[C11 L1-L35; C2 L35-L50; C8 L55-L67; C20 L61-L65 – see also rules and attributes].*

Re. Claim 12, Paravia discloses wherein each said event outcome has a minimum required wager associated therewith, said selection of wagerable event outcomes only including those said event outcomes whose minimum wager is not greater than said wagering limit *[C6 L56-L65; C10 L64-L67].*

Re. Claim 13, Paravia discloses re-selecting substantially immediately wagerable event outcomes on which said client is authorized to wager in accordance with said adjusted wagering limit *[C9 L24-L50; C10 L49-L55].*

Re. Claim 41, Paravia discloses qualifying a client to participate in wagering *[C6 L32-L37; C7 L45-L58; C8 L12-L21 – e.g. credit limit];*

receiving from said client instructions defining a maximum amount said client desires to risk *[C6 L60-L65];*



receiving from said client a request to wager on an event outcome on which said client is authorized to wager *[Figures 2-3; C9 L24-L50; C10 L49-L55]*;

and

warning said client when said requested wager and other wagers of said client exceed said maximum amount *[C9 L43-L50; C8 L55 to C9 L5 – e.g. if the credit limit exceeds, “the player can be given the opportunity to update or replenish his or her account at that time”, which mean player is alerted]*.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 26-29, 42-45, 52-55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paravia.

Re. Claim 26, Paravia discloses receiving a request from a client to wager on an event outcome on which said client is authorized to wager *[Abstract; Figures 2-3; C9 L24-L50; C10 L49-L55]*. Paravia does not explicitly disclose determining automatically an amount to hedge said wager based upon predetermined criteria, and hedging said wager in accordance with said determination. *However, hedging is well-known in the financial market to offset the risk. It would have been obvious to one of ordinary skill in the art at*

Art Unit: 3628

*the time the Applicant's invention was made to modify the disclosure of Paravia and include hedging to allow the wager to protect its wager from adverse price change.*

Re. Claims 27-29, Paravia discloses predetermined criteria includes a measure of other wagers placed by other clients *and* wherein said predetermined criteria includes past performance of said client [Abstract; C11 L1-L35; C2 L35-L50; C8 L55-L67; C20 L61-L65 - see rules] *and* wherein said amount is greater than zero [C13 L40-L55].

Re. Claim 42, Paravia does not explicitly disclose receiving from said client instructions to reject wagers exceeding said maximum amount, and rejecting said wager request when said requested wager and other wagers of said client exceed said maximum amount. *However, these steps are well-known in credit card transaction.*

*It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosure of Paravia to include credit limit to prevent abuses and fraud.*

Re. Claim 43, Paravia discloses qualifying a client to participate in wagering [C6 L32-L37; C7 L45-L58; C8 L12-L21 – e.g. establish credit limit], *and*

receiving from said client instructions defining a wagering limit [C9 L1-L5; C22 L57-L67].

Paravia does not explicitly disclose preventing said client from further wagering when said wagering limit has been met. *However this step is well-known to prevent abuse and*

Art Unit: 3628

*bankruptcy [e.g. credit limit is to prevent client from over expending and the client ability to pay the loan back]. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosure of Paravia to include preventing the client to not go his limit and go to bankruptcy.*

Re. Claims 44-45, Paravia does not explicitly disclose wherein said wagering limit includes a maximum amount said client is permitted to wager, and wherein said wagering limit includes a maximum amount said client is permitted to lose. *However these steps are well-known. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosure of Paravia and include maximum amount limit and maximum loss to protect the client from going in debit.*

Re. Claim 52, Paravia discloses providing a selection of wagerable event outcomes *[Abstract; C9 L24-L50; C10 L49-L55 ];*

receiving a request from a client to wager on an event other than one of said selection of wagerable event outcomes *[Figures 2-3; C9 L24-L50; C10 L49-L55 – e.g. two races or two games];*

analyzing whether said requested event outcome should be offered as a wagerable event outcome *[C6 L32-L37; C7 L45-L58; C8 L12-L21 – e.g. qualify the client];*

establishing price and spread for said requested event outcome in response to a favorable analysis of said requested event [C6 L17-L37; C15 L52-L60].

Paravia does not explicitly disclose adding said requested event outcome to said selection of wagerable event outcomes in response to said favorable analysis.

*However, this is a business choice. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosure of Paravia and add another event to allow the client to increase change his/her exposure.*

Re. Claims 53-54, Paravia does not explicitly disclose notifying said client of said new wagerable event outcome, and notifying another client of said new wagerable event outcome. *However these are well-known where events are advertised in major news paper in anticipation of larger client group to bet which result in larger profit for the organizer.*

Re. Claim 55, Paravia discloses qualifying a client for wagering [C6 L32-L37; C7 L45-L58; C8 L12-L21];

providing a selection of wagerable event outcomes [Abstract; C9 L24-L50; C10 L49-L55];

receiving a request from a client to wager on an event outcome other than one of said selection of wagerable event outcomes [Figures 2-3; C9 L24-L50; C10 L49-L55];

Paravia does not explicitly disclose adding said requested event outcome to said selection of wagerable event outcomes. *However, this is a business choice. It would*

Art Unit: 3628

*have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosure of Paravia and add another event to allow the client to increase change his/her exposure.*

Claims 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paravia in view of Torango (US 6,241,608).

Re. Claim 14-15, Paravia discloses wager in US currency. Paravia does not explicitly disclose selecting a currency in which to wager and paying said client in a currency chosen by said client in response to the maturity of successful wager. *However, this is a business choice. Additionally, player (wager) using his/her credit card may be using a foreign county issued credit card, which is automatically pays in local denomination. Torango discloses game devices using different currency [C3 L50-L56; C13 L15-L60] to link between different currencies and allow player to play for different currency prize. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures of Paravia and Torango and include wager if different currency to attract foreigners to place wager and increase the profit.*

Claims 1-10, 16-22, 34-38, 50-51 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Paravia in view of Brenner et al (hereinafter Brenner – US 6,004,211).**

Art Unit: 3628

Re. Claim 1, Paravia discloses qualifying a client to participate in wagering *[see entire document particularly, Abstract, Figures 1-4, 6-7; C1 L5-L59; C6 L32-L37; C7 L45-L58; C8 L12-L21 – see check to determine whether an accessing player is a registered user of the system];*

selecting a plurality of wagerable event outcomes in accordance with said qualifying *[C9 L24-L50 ];*

receiving a request to wager on one of said event outcomes *[Figures 2-3; C9 L24-L50; C10 L49-L55 – see place a wager which means that the wager has to be received to be accepted by the system];* and

Paravia does not explicitly disclose an interactive system and notifying substantially immediately whether said wager has been accepted.

However, Brenner disclose an interactive system and notifying substantially immediately whether said wager has been accepted *[see entire document particularly, Abstract; Figure1-4, 40; C1 L1 to L2 L30; C3 L23-L30, C4 L22-L42; C5 L35 to C6 L37; C7 L20-L54; C8 L66 to C9 L25; C10 LL9-L23; C24 L7-L21]* to provide interactive wagering system over the telephone lines (Internet), provide a user with an opportunity to place a wager and confirm the wager. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an interactive wager system to allow the user to place a wager from his home or remote side with out going to the sport sites, etc.

Art Unit: 3628

Re. Claims 2-3, Paravia discloses displaying said selected event outcomes at a workstation [C5 L19-L30], and receiving occur via the Internet [C5 L19-L30].

Re. Claim 4, Paravia discloses qualifying includes pre-authorizing a monetary limit on wagering [C9 L1-L5; C22 L57-L67].

Re. Claim 5, Paravia discloses one event outcome comprises which team will win the next Major League Baseball World Series [L10 L29-L31].

Re. Claim 6, Paravia discloses one event outcome comprises a casino's performance at a game of chance over a predetermined time period [Abstract; L11 L45-L50 – see various format].

Re. Claim 7, Paravia discloses providing an Internet Web site that includes a selection of event outcomes [Abstract; C3 L39-L55];

qualifying a client to participate in wagering [C6 L32-L37; C7 L45-L58; C8 L12-L21];

receiving from said client via said Internet a request to wager on one of said event outcomes [Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55];

determining substantially immediately whether said client is qualified to place said wager *[Figures 1-4, 6-7; C1 L5-L59; C6 L32-L37; C7 L45-L58; C8 L12-L21 – see check to determine whether an accessing player is a registered user of the system]*.

Paravia does not explicitly disclose notifying said client substantially immediately via said Internet whether said wager is accepted.

However, Brenner disclose an interactive system and notifying substantially immediately whether said wager has been accepted *[see entire document particularly, Abstract; Figure1-4, 40; C1 L1 to L2 L30; C3 L23-L30, C4 L22-L42; C5 L35 to C6 L37; C7 L20-L54; C8 L66 to C9 L25; C10 LL9-L23; C24 L7-L21]* to provide interactive wagering system over the telephone lines (Internet), provide a user with an opportunity to place a wager and confirm the wager. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an interactive wager system to allow the user to place a wager from his home or remote side with out going to the sport sites, etc.

Re. Claim 8-10, Paravia discloses qualifying includes establishing a line of credit for said client, line of credit as wagers are accepted *and* determining includes determining whether a wagered amount is within said line of credit *[C10 L64 to C11 L18]*.

Re. Claim 16, Paravia discloses establishing a line of credit for a client *[C10 L64 to C11 L18]*;



Art Unit: 3628

displaying to said client a selection of event outcomes on which said client is authorized to wager [C5 L19-L30 C9 L24-L50; C10 L49-L55];

receiving a request from said client to wager on one of said selection of event outcomes [Figures 2-3; C9 L24-L50; C10 L49-L55];

updating substantially immediately said line of credit of said client [C10 L64 to C11 L18; C20 L60-L65];

and

updating substantially immediately said selection of event outcomes on which said client is authorized to wager [C9 L24-L50; C10 L49-L55].

Paravia does not explicitly disclose confirming substantially immediately acceptance of said wager. Additionally, it is well-known that the credit limit of credit cards can be increased by calling the credit card financial institution to provide more spending ability.

However, Brenner disclose this step [see entire document particularly, Abstract; Figure1-4, 40; C1 L1 to L2 L30; C3 L23-L30, C4 L22-L42; C5 L35 to C6 L37; C7 L20-L54; C8 L66 to C9 L25; C10 L9-L23; C24 L7-L21] to provide interactive wagering system over the telephone lines (Internet), provide a user with an opportunity to place a wager and confirm the wager. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an interactive wager system to allow the user to place a wager from his home or remote side without going to the sport sites, etc.

Art Unit: 3628

Re. Claim 17, Paravia discloses rewarding said client in accordance with predetermined wagering activity criteria [C14 L16-L40].

Re. Claim 18-19 Neither Paravia nor Brenner explicitly discloses wherein said reward comprises an increase in said line of credit, the number of wagers placed by said client exceeds a predetermined minimum number of wagers, said client places a wager on a specified event, the total value of wagers placed by said client exceeds a predetermined minimum total value amount, said client wins an amount in excess of a predetermined amount *and* said client loses an amount in excess of a predetermined amount. *However these are business choice to encourage the wager to play within the rules and his/her means and prevent client from over extending him/her. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosures of Paravia and include above step to protect the client from bankruptcy.*

Re. Claim 20, Paravia discloses qualifying a client for wagering [C6 L32-L37; C7 L45-L58; C8 L12-L21];

receiving price information for said wagerable event outcomes [C16 L45 to L17 L13];

generating a selection of event outcomes on which said client is authorized to wager, each said event having said price information associated therewith [C17 L13-L54; Abstract; figure 6; C5 L19-L31; C12 L41-L50],

Art Unit: 3628

updating said display of wagerable event outcomes in real time when said received price information differs from said displayed price information [C10 L20-L48]. However, Brenner disclose displaying to said client said selection of event outcomes and associated price information. *However, Brenner discloses this feature [figure 36; C23 L3-L55] to provide menu for wager to select a play from menu on screen. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide the player a visual way to make wager.*

Re. Claims 21-22, Neither Paravia nor Brenner explicitly discloses wherein said receiving price information comprises receiving price information from at least two sources *and* corroborating received price information when said price information received from said sources differs. *Data redundancy is well-known for reliability purposes and it would be a business choice to provide best data available and to reduce the error take the average of the redundant value. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the disclosures of Paravia and Brenner to provide better price to get client trust and confidence to continue business with the trusted system.*

Re. Claim 34, Paravia discloses determining a spread of a wagerable event outcome [C6 L17-L37; C15 L52-L60];

displaying at a workstation said wagerable event outcome and said spread of said wagerable event outcome [C5 L19-L30];

receiving a request to wager on said wagerable event outcome [Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55];

and

adjusting continually said spread of said wagerable event in accordance with predetermined risk criteria [C6 L17-L37; C15 L52-L60].

Paravia does not explicitly disclose notifying substantially immediately whether said wager has been accepted. However, Brenner disclose this step [see entire document particularly, Abstract; Figure1-4, 40; C1 L1 to L2 L30; C3 L23-L30, C4 L22-L42; C5 L35 to C6 L37; C7 L20-L54; C8 L66 to C9 L25; C10 LL9-L23; C24 L7-L21] to provide interactive wagering system over the telephone lines (Internet), provide a user with an opportunity to place a wager and confirm the wager. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an interactive wager system to allow the user to place a wager from his home or remote side with out going to the sport sites, etc.

Re. Claims 35-38, Neither Paravia nor Brenner explicitly disclose wherein said risk criteria comprises a measure of past performance of a client wagering on said wagerable event, wherein said risk criteria comprises a measure of other wagers placed on said wagerable event, wherein said risk criteria comprises a measure of the volatility

Art Unit: 3628

of a market, and wherein said wagerable event is associated with a market and said spread is further adjusted in accordance with a measure of the current direction of said market. *However, these are well-known in financial market and academia for determining risk exposure. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to modify disclosure of Paravia and Brenner to calculate the volatility of the wager and minimize the loss.*

Re. Claim 50, Paravia discloses

displaying to said client a selection of wagerable event outcomes on which said client is authorized to wager in accordance *[Figures 1-4, 6-7; C1 L5-L59; C6 L32-L37; C7 L45-L58; C8 L12-L21];*

receiving a request from said client to wager on one of said selection of wagerable event outcomes *[Figures 2-3; C9 L24-L50; C10 L49-L55];*

and

updating on said card said financial information *[C9 L43-L50; C8 L55 to C9 L5; Abstract – replenishment].*

Paravia does not explicitly disclose issuing a card to a client, said card encoded with identification information and financial information associated with said client *[];*

reading said encoded information from said card, and

notifying said client substantially immediately whether said wager has been accepted.

However, issuing a card to a client, said card encoded with identification information and financial information associated with said client and reading said encoded information from said card are well-known, where the client is identified by his account number coded on the credit card.

Brenner disclose an interactive system notifying said client substantially immediately whether said wager has been accepted [see claim 1] *to inform the client that his/her wager is confirmed. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an wager system accepting a credit card as and ID and informing the client whether the bet is accepted.*

Re. Claim 51, Paravia discloses displaying a selection of wagerable event outcomes on which said client is authorized to wager in accordance with said encoded financial information [Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55];

receiving a request from said client to wager on one of said selection of wagerable event outcomes [Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55], and

updating said financial information record associated with said client [C10 L64 to C11 L18; C20 L60-L65].

Paravia does not explicitly disclose issuing a card to a client, said card encoded with identification information and financial information associated with said client [/];

reading said encoded information from said card,

updating a financial information record associated with said client in accordance with said encoded information read from said card, said financial information record stored within a data processing computer,

updating on said card said financial information, *and*

notifying substantially immediately whether said wager has been accepted.

However, issuing a card to a client, said card encoded with identification information and financial information associated with said client, reading said encoded information from said card, updating a financial information record associated with said client in accordance with said encoded information read from said card, said financial information record stored within a data processing computer, and updating on said card said financial information are well-known and can be found in smart card.

Brenner disclose an interactive system notifying substantially immediately whether said wager has been accepted *[see claim 1] to inform the client that his/her wager is confirmed. It would have been obvious to one of ordinary skill in the art at the time the Applicant's invention was made to combine disclosures Paravia and Brenner to provide an wager system accepting a smart card as and ID, and financial payment system and informing the client whether the bet is accepted.*

Claims 46 & 49 rejected under 35 U.S.C. 103(a) as being unpatentable over Paravia in view of and Friedman (US 6,126,543).

Art Unit: 3628

Re. Claim 46, Paravia discloses receiving from a client instructions defining a wagering limit *[C10 L64 to C11 L18]*;

receiving from said client a request to wager on an event outcome *[C5 L19-L30; C10 L40-L65]*, and notifying said client substantially immediately when said total wagering amount exceeds said wagering limit *[C9 L43-L50; C8 L55 to C9 L5 – e.g. if the credit limit exceeds, “the player can be given the opportunity to update or replenish his or her account at that time”, which mean player is alerted]*.

Paravia does not explicitly disclose calculating a total wagering amount for said client based upon said requested wager and other wagers made by said client.

However, Friedman discloses calculating a total wagering amount for said client based upon said requested wager and other wagers made by said client *[Abstract; C6 L32-L67]* to allow wager's interest in outcomes of multiple events until the completion of all events. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to combine the disclosure of Paravia and Friedman and provide wager system allowing the wager to bet on multiple games (events) at the same time with established credit limit.

Re. Claim 49, Paravia discloses receiving from a client instructions defining a loss limit *[C10 L64 to C11 L18; C5 L19-L30; C10 L40-L65]*, and

notifying said client substantially immediately when said total loss amount exceeds said loss limit *[C9 L43-L50; C8 L55 to C9 L5]*.



Art Unit: 3628

Paravia does not explicitly disclose calculating a total loss amount for said client in response to said client losing a wager, said total loss amount based upon said lost wager and other wagers lost by said client. However, Friedman discloses calculating a total loss amount for said client in response to said client losing a wager, said total loss amount based upon said lost wager and other wagers lost by said client *[Abstract; C6 L32-L67]* to allow wager's in outcomes of multiple events. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to combine the disclosures of Paravia and Friedman to provide wager system to protect the client from excess losses.

Claims 47-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paravia in view of Friedman and Thomas et al (hereinafter Thomas – PG PUB 2002/0049975).

Re. Claim 47, Paravia discloses displaying to a client a first display comprising a selection of event outcomes on which said client is authorized to wager *[C5 L19-L30; C9 L1-L5; C22 L57-L67]*;

receiving from said client a request to wager on an event outcome *[Abstract; C3 L39-L55; C9 L24-L50; C10 L49-L55]* and access non-wager event *[C3 L31-L55]*.

Paravia does not explicitly disclose calculating a total wagering amount for said client based upon said requested wager and other wagers made by said client, and displaying to said client a second display comprising a non-wagering environment when said total wagering amount exceeds a predetermined wagering limit, and warning said

Art Unit: 3628

client when said requested wager and other wagers of said client exceed said maximum amount [C9 L43-L50; C8 L55 to C9 L5].

However, Friedman discloses calculating a total wagering amount for said client based upon said requested wager and other wagers made by said client [*Abstract; C6 L32-L67 to allow wager's interest in outcomes of multiple events until the completion of all events.*]

Thomas discloses displaying to said client a second display comprising a non-wagering environment [*paragraph 177 to paragraph 190 to display a second synchronized message, which allows the client to watch non-wager event. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to combine the disclosures of Paravia, Friedman and Thomas to allow wager's interest in outcomes of multiple events and alert (warning) the client of exceeding limit where the client can take his time to watch other event and take a brake from betting.*]

Re. Claim 48, Paravia discloses wherein said predetermined wagering limit is determined in accordance with instructions received from said client [*Abstract; C11 L1-L35; C2 L35-L50; C8 L55-L67; C20 L61-L65 - see rules*].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harish T. Dass whose telephone number is 571-272-6793. The examiner can normally be reached on 8:00 AM to 4:50 PM.

Art Unit: 3628

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung S. Sough can be reached on 571-272-6799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Harish T Dass  
Examiner  
Art Unit 3628

5/22/05



HYUNG SOUGH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600